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TITLE : FOREIGN
LANGUAGE-PRONUNCIATION
LEARNING AND ORAL TESTING
METHOD USING AUTOMATIC
PRONUNCIATION COMPARING
METHOD ON INTERNET

ABSTRACT : PROBLEM TO BE SOLVED: To provide a language learning method capable of comparing the voice of a native speaker with that of a learner quickly and correctly through the automatic voice comparing algorithm of a dynamic time warping base without recognizing the voice of the learner.

SOLUTION: This method with which a learner can improve listening comprehension and practice conversation of a foreign language by using a computer connected to the Internet and also which is capable of objectively testing the conversational ability of the learner is provided with a learner's voice signal 10, a native speaker's voice signal 20, an automatic voice comparing network 30, a DTW (dynamic time warping) base difference comparing model 40, an error correcting nerve circuitry 50, an expert evaluation comparing network 60 and an error calculating network 70.

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